GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-10-1R
Sample I.D. #: MW-10-1R
Sample Time: 13:30
Sample Date: 10/2/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 10 ft.
Top of well screen; 10 ft. below measuring point
Pump intake set at: 18 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 15.63 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 17 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate mL/min	pH	Conductance mS/cm	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
12:45	15.65		200	-	-	-	-	-	-
12:50	15.65		200	6.98	0.752	16.0	17.75	3.17	185
12:55	15.65		200	6.93	0.762	10.5	17.79	2.47	178
13:00	15.65		200	6.90	0.763	8.3	17.82	2.24	174
13:05	15.65		200	6.89	0.763	7.2	17.78	2.17	170
13:10	15.65		200	6.89	0.764	6.1	17.81	2.04	167
13:15	15.65		200	6.89	0.764	2.8	17.82	2.01	164
13:20	15.65		200	6.89	0.764	2.7	17.85	2.01	163
13:25	15.65		200	6.89	0.764	2.8	17.85	2.00	162

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120 mL	40 mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY HEAVY MIST ~57°F
PURGE START 12:40

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-146
Sample I.D. #: MW-146
Sample Time: 17:40
Sample Date: 10/1/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 10 ft.
Top of well screen; 15 ft. below measuring point
Pump intake set at: 18 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 10.01 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 18 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
Start: 17:05	10.02		200	-	-	-	-	-	-
17:10	10.02		200	7.76	0.800	1.8	16.82	0.62	148
17:15	10.02		200	7.64	0.817	0.7	16.24	0.08	151
17:20	10.02		200	7.62	0.822	0.0	16.06	0.00	153
17:25	10.02		200	7.61	0.824	0.0	16.00	0.00	153
17:30	10.02		200	7.61	0.825	0.0	15.89	0.00	153
17:35	10.02		200	7.60	0.826	0.0	15.83	0.00	152

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY, RAIN ~65°F
PURGE START: 17:00

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-148R
Sample I.D. #: MW-148R
Sample Time: 15:10
Sample Date: 10/1/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method: _____
Sampling method: Low-Flow
Tubing material: _____
Screen Length: 15 ft.
Top of well screen; 10.5 ft. below measuring point
Pump intake set at: 19 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other: _____

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 11.61 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 19 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
~~14~~:25	11.52		200	-	-	-	-	-	-
14:35	11.52		200	7.56	1.26	8.0	17.17	1.57	138
14:40	11.52		200	7.53	1.23	5.1	17.19	1.35	139
14:45	11.52		200	7.50	1.22	4.1	17.21	1.32	140
14:50	11.52		200	7.49	1.22	3.2	17.22	1.29	140
14:55	11.52		200	7.47	1.22	2.1	17.21	1.19	140
15:00	11.52		200	7.47	1.22	2.1	17.17	1.19	140
15:05	11.52		200	7.47	1.22	2.1	17.16	1.18	139

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY ~65 °F
PURGE START: 14:20

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-150 (N)
Sample I.D. #: MW-150
Sample Time: 08:55
Sample Date: 10/2/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method: _____
Sampling method: Low-Flow
Tubing material: _____
Screen Length: 15 ft.
Top of well screen; 4 ft. below measuring point
Pump intake set at: 16 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other: _____

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 13.32 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 16 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
08:05	13.34		150	-	-	-	-	-	-
08:10	13.34		150	6.52	0.891	10.4	16.90	0.15	220
08:15	13.34		150	6.71	0.879	9.5	17.19	0.00	196
08:20	13.34		150	6.76	0.876	7.7	17.32	0.00	181
08:25	13.34		150	6.79	0.875	6.2	17.37	0.00	170
08:30	13.34		150	6.80	0.873	4.4	17.43	0.00	161
08:35	13.34		150	6.81	0.872	0.4	17.44	0.00	155
08:40	13.34		150	6.81	0.872	0.2	17.43	0.00	151
08:45	13.34		150	6.82	0.871	0.2	17.42	0.00	148
08:50	13.34		150	6.82	0.872	0.2	17.46	0.00	145

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY, MIST/RAIN, ~55°F
PURGE START - 07:55

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-151 (center)
Sample I.D. #: MW-151
Sample Time: 10:30
Sample Date: 10/2/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 15 ft.
Top of well screen; 5 ft. below measuring point
Pump intake set at: 16 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 14.18 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 16 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
09:45	14.18		150	-	-	-	-	-	-
09:50	14.18		150	6.86	0.728	3.2	15.23	3.09	171
09:55	14.18		150	6.83	0.725	1.2	15.13	2.55	169
10:00	14.18		150	6.80	0.722	1.0	15.07	2.35	167
10:05	14.18		150	6.80	0.721	0.6	15.04	2.34	165
10:10	14.18		150	6.80	0.720	0.5	15.03	2.27	163
10:15	14.18		150	6.80	0.720	0.7	15.03	2.26	162
10:20	14.18		150	6.81	0.719	0.7	15.00	2.25	160
10:25	14.18		150	6.80	0.719	0.7	15.00	2.23	160

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY, MIST ~57°F WELL CASING IS CRACKED to GROUND LEVEL
PURGE START 09:40

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-152
Sample I.D. #: MW-152 / MW-152-MS/MSD
Sample Time: 16:30
Sample Date: 10/1/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:
Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 15 ft.
Top of well screen; 5 ft. below measuring point
Pump intake set at: 17 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 13.96 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 18 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (ml/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
15:40	13.98		200	-	-	-	-	-	-
15:50	13.98		200	7.82	0.562	31.6	19.51	0.65	132
15:55	13.98		200	7.81	0.557	19.0	19.60	0.51	129
16:00	13.98		200	7.81	0.553	9.9	19.66	0.51	125
16:05	13.98		200	7.82	0.551	7.2	19.74	0.53	121
16:10	13.98		200	7.83	0.551	6.4	19.79	0.58	120
16:15	13.98		200	7.84	0.551	4.0	19.82	0.51	120
16:20	13.98		200	7.84	0.551	3.9	19.86	0.51	120
16:25	13.98		200	7.83	0.550	4.0	19.88	0.50	120

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	360 mL	40mL VIAL	9	HCL

Comments/Observations/Weather Conditions: CLOUDY, RAIN, ~66°F
PURGE START - 15:30
COLLECT MS/MSD

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-153
Sample I.D. #: MW-153
Sample Time: 13:25
Sample Date: 10/1/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method: _____
Sampling method: Low-Flow
Tubing material: _____
Screen Length: 15 ft.
Top of well screen; 4.5 ft. below measuring point
Pump intake set at: 17 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other: _____

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 12.44 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 17 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
12:40	12.46		200	~~7.50~~ 6m	—	—	—	—	—
12:45	12.46		200	7.50	1.93	4.3	16.62	0.00	81
12:50	12.46		200	7.47	1.89	3.3	16.57	0.00	61
12:55	12.46		200	7.46	1.84	3.0	16.54	0.00	51
13:00	12.46		200	7.47	1.81	2.6	16.54	0.00	47
13:05	12.46		200	7.46	1.79	2.6	16.52	0.00	43
13:10	12.46		200	7.45	1.77	2.5	16.50	0.00	40
13:15	12.46		200	7.45	1.75	2.5	16.49	0.00	36
13:20	12.46		200	7.46	1.74	2.5	16.48	0.00	33

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40 mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY ~60°F
PURGE START 12:35

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-154
Sample I.D. #: MW-154
Sample Time: 12:05
Sample Date: 10/11/12

Personnel Present During Sampling:
~~Chris Ferguson,~~ ENVIRON G. MERCER

Well/Purging Information:
Purging method: LOW-FLOW BLADDER PUMP
Sampling method: Low-Flow
Tubing material:
Screen Length: 15 ft.
Top of well screen; 5 ft. below measuring point
Pump intake set at: 17 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 13.91 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Discharge time: 5 (sec) Pressure: 17 (psi) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
11:30	13.92		200	-	-	-	-	-	-
11:35	13.92		200	7.55	1.29	4.0	16.73	0.00	143
11:40	13.92		200	7.68	1.28	3.2	16.68	0.00	133
11:45	13.92		200	7.79	1.27	2.9	16.61	0.00	119
11:50	13.92		200	7.84	1.26	2.9	16.58	0.00	111
11:55	13.92		200	7.85	1.26	3.0	16.57	0.00	106
12:00	13.92		200	7.87	1.26	3.0	16.60	0.00	101

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120 mL	40 mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY ~ 56°F
PURGE START - 11:25

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-156
Sample I.D. #: MW-156
Sample Time: 11:40
Sample Date: 10/2/12

Personnel Present During Sampling:
~~Chris Ferguson,~~ ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 15 ft.
Top of well screen; 5 ft. below measuring point
Pump intake set at: 16.5 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 12.41 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 16 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
11:00	12.41		150	-	-	-	-	-	-
11:05	12.41		150	7.03	0.643	2.7	16.39	0.00	158
11:10	12.41		150	7.02	0.612	0.0	16.64	0.00	149
11:15	12.41		150	7.03	0.582	0.0	16.76	0.10	141
11:20	12.41		150	7.02	0.568	0.0	16.10	0.31	135
11:25	12.41		150	7.01	0.562	0.0	17.13	0.34	123
11:30	12.41		150	7.02	0.559	0.0	17.15	0.36	107
11:35	12.41		150	7.02	0.558	0.0	17.19	0.34	90

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120 mL	40mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY, LIGHT RAIN, ~56°F
PURGE START 10:55

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-161
Sample I.D. #: MW-161 / MW-161-DUP
Sample Time: 17:15
Sample Date: 10/3/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: ft.
Top of well screen; ft. below measuring point
Pump intake set at: 10 ft. below measuring point
Casing radius: in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) (ft)
2) Depth to water prior to purging (2) 5.61 (ft)
3) Length of water column in well: #1 - #2 = (3) (ft)
4) Volume of water standing in well (4) (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5)
6) Maximum volume to be purged: #4 x #5 = (6) (gal)

Bladder Pump Controller Settings (if used): Recharge time: (sec) Pressure: (psi)
Discharge time: (sec) Cycles per minute:

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
16:35	5.61		200	-	-	-	-	-	-
16:40	5.61		200	7.06	0.848	1.1	18.67	2.68	101
16:45	5.61		200	7.03	0.857	0.0	17.82	2.43	110
16:50	5.61		200	7.02	0.861	0.0	17.67	2.24	119
16:55	5.61		200	7.01	0.863	0.0	17.56	2.22	124
17:00	5.61		200	7.01	0.865	0.0	17.46	2.22	129
17:05	5.61		200	7.01	0.866	0.0	17.40	2.20	133
17:10	5.61		200	7.00	0.865	0.0	17.30	2.20	137

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	240 mL	40mL VIAL	6	HCL

Comments/Observations/Weather Conditions: MOSTLY CLOUDY ~ 64°F
PURGE START - 16:30

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-163
Sample I.D. #: MW-163
Sample Time: 17:45
Sample Date: 10/2/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 10 ft.
Top of well screen; 10 ft. below measuring point
Pump intake set at: 16 ft. below measuring point
Casing radius: 2 in.
Well material: ~~PVC~~ / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 11.21 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 15 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
17:05	11.31		150	-	-	-	-	-	-
17:10	11.31		150	6.79	0.774	5.0	19.00	1.92	182
17:15	11.31		150	6.74	0.779	2.5	18.93	1.18	177
17:20	11.31		150	6.72	0.784	0.9	18.89	0.98	172
17:25	11.31		150	6.72	0.787	0.2	18.89	0.81	168
17:30	11.31		150	6.71	0.789	0.0	18.88	0.63	164
17:35	11.31		150	6.71	0.788	0.0	18.89	0.65	163
17:40	11.31		150	6.71	0.787	0.0	18.87	0.64	161

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY ~61°F
PURGE START - 16:55

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-164
Sample I.D. #: MW-164
Sample Time: 15:00
Sample Date: 10/2/12

Personnel Present During Sampling:
~~Chris Ferguson,~~ ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 10 ft.
Top of well screen; 16 ft. below measuring point
Pump intake set at: 22.5 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 19.34 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 19 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
14:10	19.35		150	-	-	-	-	-	-
14:15	19.35		150	7.00	0.934	9.5	16.13	0.00	172
14:20	19.35		150	6.97	0.936	7.7	16.04	0.00	168
14:25	19.35		150	6.97	0.937	5.8	15.99	0.00	163
14:30	19.35		150	6.96	0.937	4.0	15.99	0.00	157
14:35	19.35		150	6.96	0.936	2.0	15.87	0.00	151
14:40	19.35		150	6.96	0.936	0.6	15.83	0.00	147
14:45	19.35		150	6.96	0.937	0.5	15.81	0.00	142
14:50	19.35		150	6.97	0.937	0.5	15.82	0.00	138
14:55	19.35		150	6.97	0.937	0.5	15.81	0.00	136

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL vial	3	HCL

Comments/Observations/Weather Conditions: CLOUDY, MIST ~59°F
PURGE START 14:05

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: ~~MW~~ MW-165S (west)
Sample I.D. #: MW-165S
Sample Time: 14:55
Sample Date: 10/3/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 10 ft.
Top of well screen; 10 ft. below measuring point
Pump intake set at: 17.5 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 14.21 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 16 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
14:10	14.21		150	-	-	-	-	-	-
14:15	14.21		150	7.09	0.724	1.6	~~21.53~~ ~~0.00~~	0.00	-75
14:20	14.21		150	7.00	0.669	1.3	22.09	0.00	-71
14:25	14.21		150	6.90	0.653	0.0	22.40	0.00	-68
14:30	14.21		150	6.84	0.650	0.0	22.50	0.00	-69
14:35	14.21		150	6.82	0.654	0.0	22.60	0.00	-63
14:40	14.21		150	6.72	0.657	0.3	22.60	0.00	-62
14:45	14.21		150	6.70	0.656	0.3	22.70	0.00	-65
14:50	14.21		150	6.67	0.658	0.3	22.75	0.00	-64

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL VIAL	3	HCL

Comments/Observations/Weather Conditions: MOSTLY CLOUDY, WINDY ~63°F
PURGE START - 14:05

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-165D
Sample I.D. #: MW-165D
Sample Time: 16:00
Sample Date: 10/3/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON A. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 5 ft.
Top of well screen; 42 ft. below measuring point
Pump intake set at: 44.5 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 14.01 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 28 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
15:15	14.01		150	-	-	-	-	-	-
15:25	14.01		150	7.39	0.859	19.3	20.70	0.00	-105
15:30	14.01		150	7.27	0.855	15.8	20.58	0.00	-102
15:35	14.01		150	7.18	0.853	12.9	20.52	0.00	-99
15:40	14.01		150	7.08	0.849	11.7	20.47	0.00	-96
15:45	14.01		150	7.00	0.850	7.9	20.41	0.00	-94
15:50	14.01		150	6.97	0.850	7.9	20.34	0.00	-93
15:55	14.01		1500	6.96	0.849	7.8	20.36	0.00	-92

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120 mL	HDML VIAL	3	HCL

Comments/Observations/Weather Conditions: MOSTLY CLOUDY, WINDY ~63°F
PURGE START 15:10

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-166S
Sample I.D. #: MW-166S
Sample Time: 10:25
Sample Date: 10/3/12

Personnel Present During Sampling:
~~Chris Ferguson, ENVIRON~~ G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material: ~~PE~~
Screen Length: 10 ft.
Top of well screen; 10 ft. below measuring point
Pump intake set at: 18 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 14.92 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 17 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
09:45	14.95		150	-	-	-	-	-	-
09:55	14.95		150	6.68	1.02	1.9	17.05	0.00	88
10:00	14.95		150	6.53	1.02	1.6	17.05	0.00	78
10:05	14.95		150	6.50	1.03	1.5	17.05	0.00	74
10:10	14.95		150	6.48	1.03	1.4	17.04	0.00	71
10:15	14.95		150	6.44	1.03	1.3	17.05	0.00	70
10:20	14.95		150	6.39	1.03	1.3	17.06	0.00	71

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40 mL VIAL	3	HCL

Comments/Observations/Weather Conditions: CLOUDY ~57°F
PURGE START- 09:35

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-166D
Sample I.D. #: MW-166D
Sample Time: 12:35
Sample Date: 10/3/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:
Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 5 ft.
Top of well screen; 46 ft. below measuring point
Pump intake set at: 48.5 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 14.70 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 30 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
11:35	14.70		150	-	-	-	-	-	-
11:45	14.70		150	7.35	1.10	16.1	16.77	0.00	-98
11:50	14.70		150	7.19	1.11	11.1	16.59	0.00	-103
11:55	14.70		150	7.08	1.11	8.2	16.46	0.00	-102
12:00	14.70		150	6.97	1.11	5.9	16.51	0.00	-100
12:05	14.70		150	6.90	1.11	4.9	16.50	0.00	-97
12:10	14.70		150	6.78	1.11	5.1	16.52	0.00	-94
12:15	14.70		150	6.72	1.11	1.7	16.43	0.00	-92
12:20	14.70		150	6.57	1.11	1.3	16.47	0.00	-89
12:25	14.70		150	6.56	1.10	1.4	16.47	0.00	-87
12:30	14.70		150	6.52	1.10	1.3	16.52	0.00	-83

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120 mL	40 mL VIAL	3	HCL

Comments/Observations/Weather Conditions: MOSTLY CLOUDY ~61°F
PURGE START - 11:25

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 N. Oak Avenue (Holt + Michigan / East on Michigan)
Job #:

Well #: MW-167D
Sample I.D. #: MW-167D
Sample Time:
Sample Date: 10-25-12

Personnel Present During Sampling:
Garret Mercer, ENVIRON

Well/Purging Information:

Purging method: Bladder Pump
Sampling method: Low-Flow
Tubing material: LDPE
Screen Length: 5 ft.
Top of well screen; 28 ft. below measuring point
Pump intake set at: 29.35 ft. below measuring point
Casing radius: 4 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) 33 (ft) 30.70
2) Depth to water prior to purging (2) 17.94 (ft)
3) Length of water column in well: #1 - #2 = (3) (ft)
4) Volume of water standing in well (4) (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5)
6) Maximum volume to be purged: #4 x #5 = (6) (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Discharge time: 5 (sec) Pressure: 20 (psi) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (_____)	Pumping Rate (mL/min)	pH	Conductance (_____)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)	
1247	17.98		200	6.94	1.07	26.5	19.18	7.57	6	
1251	17.98			7.11	1.07	23.1	18.86	7.01	-30	
1255	17.98			7.17	1.07	18.8	18.64	6.38	-44	
1259	17.98			7.18	1.07	15.5	18.67	5.82	-50	
1303	17.98			7.17	1.07	13.7	18.64	5.27	-52	Flow Stopped
1309	17.98			7.08	1.07	10.3	19.22	4.68	-49	
1313	17.98			7.12	1.07	9.88	18.92	4.22	-54	
1317	17.98			7.16	1.07	8.66	18.88	3.82	-58	
1321	17.98			7.20	1.07	8.45	18.94	3.42	-62	
1325	17.98			7.23	1.07	6.70	18.99	2.96	-64	
1329	17.98			7.25	1.07	5.26	18.96	2.60	-66	
1333	17.98			7.28	1.07	4.74	19.02	2.23	-68	

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOCs	40mL	VOA	3	HCL

Comments/Observations/Weather Conditions:

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: _____
Location: _____
Job #: _____

Well #: MW-167D
Sample I.D. #: MW-167D
Sample Time: 1357
Sample Date: 10-25-12

Personnel Present During Sampling:
Matt Hennessy, ENVIRON

Well/Purging Information:

Purging method: Bladder Pump
Sampling method: Low-Flow
Tubing material: LDPE
Screen Length: 5 ft.
Top of well screen; 28 ft. below measuring point
Pump intake set at: 29.35 ft. below measuring point
Casing radius: 4 in.
Well material: PVC / #316 SS / Galv. Steel
Other: _____

1) Well depth (from top of measuring point) (1) 30.70 (ft)
2) Depth to water prior to purging (2) 19.94 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 20 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (_____)	Pumping Rate (mL/min)	pH	Conductance (_____)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
1337	17.98		200	7.29	1.07	4.57	18.93	2.04	-70
1341	17.98			7.32	1.07	3.86	18.86	1.67	-70
1345	17.98			7.30	1.07	3.82	18.79	1.58	-70
1349	17.98			7.30	1.07	3.43	18.73	1.36	-71
1353	17.98		V	7.31	1.07	3.41	18.77	1.31	-71
1357	17.98			7.31	1.07	3.38	18.76	1.34	-73

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	40mL	VOA	3	HCL

Comments/Observations/Weather Conditions: _____

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: MW-173
Sample I.D. #: MW-173
Sample Time: 16:25
Sample Date: 10/2/12

Personnel Present During Sampling:
~~Chris Ferguson~~, ENVIRON G. MERCER

Well/Purging Information:

Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 10 ft.
Top of well screen; 8 ft. below measuring point
Pump intake set at: 16 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) ____ (ft)
2) Depth to water prior to purging (2) 13.61 (ft)
3) Length of water column in well: #1 - #2 = (3) ____ (ft)
4) Volume of water standing in well (4) ____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) ____
6) Maximum volume to be purged: #4 x #5 = (6) ____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 16 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
15:35	13.62		150	-	-	-	-	-	-
15:45	13.62		150	6.95	0.767	14.2	18.36	0.00	156
15:50	13.62		150	6.94	0.767	10.2	18.41	0.00	152
15:55	13.62		150	6.93	0.769	8.2	18.42	0.00	148
16:00	13.62		150	6.92	0.771	7.2	18.42	0.00	146
16:05	13.62		150	6.91	0.774	6.4	18.44	0.00	143
16:10	13.62		150	6.92	0.774	6.3	18.45	0.00	141
16:15	13.62		150	6.91	0.774	6.2	18.47	0.00	139
16:20	13.62		150	6.91	0.773	6.0	18.47	0.00	138

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120mL	40mL vial	3	HCL

Comments/Observations/Weather Conditions: CLOUDY, MIST, ~59°F
PURGE START 15:30

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

GROUND WATER SAMPLING
FIELD DATA FORM

Site: Genuine Parts
Location: 700 North Olin, Indianapolis, IN
Job #: 2125641E

Well #: IW-2
Sample I.D. #: IW-2
Sample Time: 08:55
Sample Date: 10/3/12

Personnel Present During Sampling:
~~Chris Ferguson,~~ ENVIRON G. MERCER

Well/Purging Information:
Purging method:
Sampling method: Low-Flow
Tubing material:
Screen Length: 5 ft.
Top of well screen; 12 ft. below measuring point
Pump intake set at: 15.5 ft. below measuring point
Casing radius: 2 in.
Well material: PVC / #316 SS / Galv. Steel
Other:

1) Well depth (from top of measuring point) (1) _____ (ft)
2) Depth to water prior to purging (2) 13.03 (ft)
3) Length of water column in well: #1 - #2 = (3) _____ (ft)
4) Volume of water standing in well (4) _____ (gal)
multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.
(Required for well volume purging approach only)
5) Number of purge volumes required (5) _____
6) Maximum volume to be purged: #4 x #5 = (6) _____ (gal)

Bladder Pump Controller Settings (if used): Recharge time: 10 (sec) Pressure: 16 (psi)
Discharge time: 5 (sec) Cycles per minute: 4

Stabilization:

Time	Depth to Water (ft)	Volume Pumped (L)	Pumping Rate (mL/min)	pH	Conductance (mS/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
08:10	13.03		150	-	-	-	-	-	-
08:20	13.03		150	7.16	0.894	0.0	17.37	0.31	230
08:25	13.03		150	7.22	0.893	0.0	17.46	0.00	219
08:30	13.03		150	7.25	0.892	0.3	17.51	0.00	209
08:35	13.03		150	7.27	0.893	0.4	17.54	0.00	199
08:40	13.03		150	7.28	0.896	0.6	17.54	0.00	191
08:45	13.03		150	7.29	0.901	0.6	17.53	0.00	184
08:50	13.03		150	7.29	0.901	0.6	17.56	0.00	179

Sample Parameter	Sample Volume	Bottle Type	Number of Bottles	Preservation/Prep
VOC	120 mL	40 mL vial	3	HCL

Comments/Observations/Weather Conditions: CLOUDY, LIGHT MIST ~57°F
PURGE START - 08:05

Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.